

FIRST CLASS MAIL



A Publication of
THE PHIL-MONT MOBILE RADIO CLUB, INC.
P.O. Box 88, Abington, PA 19001

The Blurb

JACK HARING
VIRGINIA HARING - W3IIN
2113 Edgemoor Drive
Furlong PA 18925-1101

W3IIN
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APRIL 1995

Phil-Mont and Delmont announce plans to merge.
New organization to be called DelPhi.
Story on page 13.



Our 46th year



VOLUME 45

is published monthly by, and for, the members of **The PHIL-MONT MOBILE RADIO CLUB, INC.** whose purpose is to promote Amateur Radio in general, and Mobile Radio in particular. Copying and quoting is permitted with a credit line. We gladly exchange publications with other amateur radio clubs; requests should be sent to the Editor. *Blurb* subscriptions are available to nonmembers for \$10 addressed to the Treasurer. The club meets sometime after 7:30 p.m. on the first non-holiday WEDNESDAY of every month at **The Franklin Institute Science Museum**, Benjamin Franklin Parkway at 20th Street, Philadelphia. Enter from Winter Street, or the parking garage on 21st street.

ALL VISITORS ARE WELCOME!

Amateur Radio License Examinations - the first non-holiday Thursday of every month at The Franklin Institute Science Museum—doors close at 6:30 p.m. - *SHARP!*

CLUB INFORMATION

24-Hour Information Number at W3TKQ: **(215) 448-1139**

Repeater frequencies: 147.03 MHz (Roxboro input requires no PL, but outputs 91.5 Hz.)

PL required for off-site receiver (OSR) access:

Bucks County 131.8 Hz—Center City 103.5 Hz—Lansdale 114.8 Hz

444.80 MHz (186.2 Hz PL)

Simplex frequency: 147.51 MHz

Packet BBS frequency at W3TKQ: 144.99 MHz

Mailing Address: P.O. Box 88, Abington, PA 19001

STATIONS

W3QV - 147.03 MHz. Repeater - 8200 Ridge Avenue, Philadelphia, PA - Trustee W3BBB

W3TKQ - The Franklin Institute Science Museum, Philadelphia, PA - Trustee WU3I

AMATEURS (with license) ARE ALWAYS WELCOME TO OPERATE W3TKQ.

OFFICERS

PRESIDENT: WU3I, Steve Hoch, 4638 Oakland Street, Philadelphia, PA 19124 (215) 535-8061

1st VICE PRESIDENT: KE3CZ, Bob Wilcox, P.O. Box 21914, Philadelphia, PA 19124 (215) 535-7355

2nd VICE PRESIDENT: N3FVI, Bill Popovic, 343 Lemonte Street, Philadelphia, PA 19128 (215) 487 9472

SECRETARY: W3STW, Al Tribble, 2848 Carter Road, Trevose, PA 19053 (215) 639-6771

Acting TREASURER: KB3IV, Ed Masarsky, 15 Poe Avenue, Wyncote, PA 19095 (215) 572-5238

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W3BBB (96); AA3EP (95); K3GNM (A); W3GQD (A); KB3IV (95); K3KUD (A); W3RM (96)

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Blurb Mailing: WB3KOH&J
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Field Day: N3IEI
 Membership: N3OWM
 Net Control: KB3IV
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 Refreshments: N3FVI

Repeater: W3BBB
 Special Events: AA3EP
 VE Program: ND3Q
 TVI: W3VVS
 W3TKQ: KB3IV
 Welcome: NEEDED

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DEADLINE: To be assured of publication in the current month, all copy **MUST** be in the hands of the Editor at the Bored of Directors' Meeting!

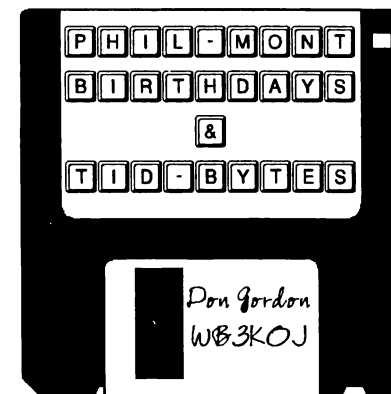
NET SCHEDULE

SUNDAY	09:30	147.030	MHz FM	"SUNDAY MORNING 2 METER NET"
	10:00	28.993	MHz SSB	"10-ON-10 NET"
	10:20	3.993	MHz SSB	75 METER NET
TUESDAY	20:00	147.030	MHz FM	CW PRACTICE NET
LAST WED	20:00	147.030	MHz FM	W3TKQ OPERATORS' NET

APRIL BIRTHDAYS

- 01 Tracal Top - N3PDP
- 02 Frenchy Andrews - W3IRS
- 03 Annette Scott (XYL KA4LIF*)
- 05 Eddie Lowenstein - KA3VEJ
- 06 Ed Faye - W3RCE
Joe Lerro - N3MUC
Pat Rush - WT3X
- 08 Jackie Chedeville (XYL W3GQD)
- 15 Joan Clifford (XYL W3UY)
Bob DiPasquale - WB3KAB
- 16 Ray Garvin - W3GRY
- 17 Len Kravitz - KD2CR
Ned Schlichting - N3EMN
- 18 Patricia Sullivan (XYL N3QMH)
- 19 Hal Grace - W3HFY
Rich Lunn - N3RUG*
- 21 Laura Lusky (XYL W3APD)
Jerry Shoaf - KA3NKT
- 22 Russ Miller - K3NYN
- 25 Fred Lamberti - KE3NP
- 27 Bunny DiPasquale (XYL WB3KAB)
Carl Vold - W3SGR
- 28 Rik Richenbach - WE3D
Bess Rowland (XYL W3JIL)
- 29 Alice Faries (XYL W3AOA)

**Indicates New Member 94-95*

**HELP PHIL-MONT**

Are you planning to join ARRL or renew your current membership? Help P.M.R.C. by joining or renewing through the club... contact Ed Masarsky, KB3IV, for details.

NEW DIRECTORY

With this issue you received your 1995 P.M.R.C. Directory. If there is an error in your listing please let me know, and I will correct it, print the correction in this column next month, and relist you in the fall supplement.

CLASS(less) ACTION SUIT TO BE FILED

(Instigated by WB3KOJ)

Those of you who took the time to read KB3IV's article on page 17 of the March *Blurb*, noticed that a horrendous case of discrimination, defamation of character, total disregard for emotions and feelings and possibly slander, has been dealt upon the "Lubberly, Ample, Rotund, Distended" (LARD) Members of Phil-Mont.

Class Action Litigation, to be filed shortly, will charge that by adding extra monies for sizes above X-Large (I couldn't get my arm, let alone my torso, into the alleged X-Large size) the defendants: PMRC, The officers, The Board of Directors, BBB & PXY—as founding fathers, The Jacket Company, Yamoto Rayon Ltd., and any one else I can find, did knowingly and with malice aforethought, cause great anguish, consternation, embarrassment, pain and suffering to aforementioned group (LARD).

Those who fall into the category (if the jacket don't fit, you do) are urged to partake in this suit (jacket) by contacting the law firm of Sue'm, Sue'm, Sue'm & Gottcha as soon as possible. Remember that the rights of LARD are at "steak." ☐



The PREZ SEZ

Steve Hoch, WU3I

With the winter weather behind us it's time to look forward to antenna parties and cookouts.

Phil-Mont has its own summer activities in Field Day and Paddlerama. Again this year they are on the same weekend June 24-25. N3IEI is heading up Field Day, and I am again handling Paddlerama. Let's again this year make both of these events *winners* for Phil-Mont.

Hamfests are upcoming; check the hamfests column in this issue. The biggest of all

is Dayton, and Mike-KC2Q is again running the bus trip to Dayton. See article in this issue for more info.

This year Phil-Mont celebrates its 46th year, and we need to form a committee to plan a celebration for the BIG 50, in 1999. This is not as far away as you might think, and to get a choice location, on a choice date, we need to plan now. If you think you have what it takes to plan a *fantastic* celebration for your club, contact me or any of the officers or board members to help out. ☐

PADDLERAMA 1995

It's that time again! For those unfamiliar with the name Paddlerama, it's a 2-day 40-mile canoe race on the Delaware River. The participants are Boy and Girl Scouts of the Bucks County Council.

Phil-Mont has been involved in the past, and last year we renewed the activity with a fun weekend on the river. We provide communication for health and welfare, and to keep track of the Scouts. This year's dates are June 24-25. I know, I know... it's Field Day weekend again! This year we tried to get them to change it, but that's another whole article you don't want to read.

The race starts Saturday morning at the Delaware Water Gap, and ends the first day at the Martins Creek Power Plant Boat Launch, 2½ miles south of the Belvidere Bridge on the Pa. side. There will be dinner

in the campground Saturday night, and breakfast Sunday Morning (new campground this year; better access; not as far).

The Second half continues Sunday, across the river from Easton, at the Phillipsburg boat ramp, and ends in Tinicum State Park.

We'll have a sweep canoe in the water, with 2m, following the Scouts. The count on the relays and gates will follow as the Scouts are still planning this phase. There will be operators at the relay changeovers and gates. Our duty is to transmit health and welfare traffic, and the race data to the head timekeeper, who will have an operator with him all day.

I encourage all those interested to join us, if even for a day, and experience the fun. Contact me on the repeater, or at (215) 535-8061 for more detailed information. ☐

UPCOMING

- Apr 5** **General Meeting**
- Apr 6** License Examinations at
The Franklin Institute
- Apr 19** Directors' Meeting at
KA4LIF's
- ~~~~~
- May 3** **General Meeting**
- May 4** License Examinations at
The Franklin Institute
- May 17** Directors' Meeting

HAMFESTS

- Apr 2** TRENTON, NJ
DVRA
- Apr 23** NEW CASTLE, DE
Penn-Del ARC
- May 7** WRIGHTSTOWN, PA
Warminster, ARC
- May 20** PHILLIPSBURG, NJ
Cherryville Repeater Association II

*Why aren't there any hamfests
in our area during June?*

- July 9** TIMONIUM, MD
BRATS
- Aug 6** WARRINGTON, PA
Mid Atlantic ARC
- Aug 13** EASTON, PA
Delaware Lehigh ARC
- Sept 10** GAITHERSBURG, MD
Foundation for Amateur Radio
- Oct 22** SELLERSVILLE, PA
RF Hill ARC

V.E. TEST LOCATIONS

Confirm all information, in advance, with the contact person. Licensed applicants must bring the original, and one photocopy of their license. All applicants, including children, must two means of positive ID. Also bring the original, and a copy, of any Certificate of Successful Completion needed to prove current status. The ARRL VEC's 1995 test fee is \$5.90; there is no charge for a Novice test.

- **THE FRANKLIN INSTITUTE**
Monthly, 1st Thursday—Dusty Rhoads, ND3Q
(215) 879-0505 day, (215) 482-0386 home
- **BELLMAWR, NJ**
Monthly, 3rd Thursday—Bill Helmatag
(609) 546-7710
- **BRYN MAWR**
Irregularly—Bob Lees
(215) 265-6032
- **LEVITTOWN**
Monthly, 1st Saturday—George LeNoir, WR3B
(215) 943-4886
- **LINWOOD, PA**—(Commercial & Amateur Exams.)
4/29 • 8/26—Russ Stafford, AA3CH
(610) 358-2311
- **MORRISVILLE**
Monthly, 3rd Thursday—Dave Munson, NM3K
(215) 788-7515
- **POTTSTOWN**
Monthly, 1st Monday—Warren Erdman K3ZXQ
(215) 679-5764
- **TELFORD**
Monthly, 3rd Monday—Warren Erdman K3ZXQ
(215) 679-5764
- **UNIVERSITY OF PA**
Monthly, Last Saturday—Jeff DePolo
(215) 898-8538 shack, (215) 337-7383 home
- **WARMINSTER**
Monthly, Last Wed.—Tom Michaud, WA3TQJ
(215) 343-3494

PUBLIC SERVICE EVENTS

Charlie Weigand, AA3EP (215) 324-0167

- Apr 23** M.S. Walk
- May 20** Spring Cycle
- June 24-25** Paddlerama
- Sep 30** City-to-Shore (2-day round trip)
- Dec 3** Brian's Run (West Chester area)

Licensed Radio Operator

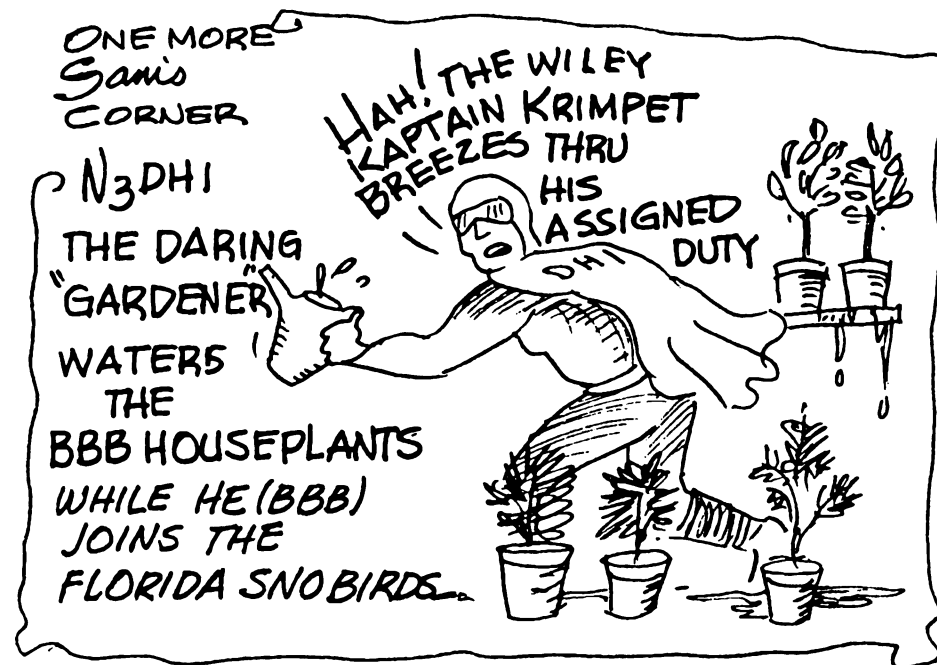
Armond Noble, N6WR

There is a discussion going around that the use of "ham" radio operator may not be the best choice of words when approaching law enforcement and other government agencies. What is going through their mind when they hear "ham?" Ham-handed? Ham-actor? Some don't even feel that "Amateur" is the best choice of words. (What an amateur!) Some have suggested, when introducing oneself in a serious situation, that the phrase "Licensed Radio Operator" be used. Such a phrase would separate us from

the non-licensed radio talkers. And yes, we are indeed *licensed* radio operators.

It used to be said that the Extra Class exam was about the same difficulty as what once was called the FCC First Class license for commercial operators. (I thought the Extra was harder, when I took it almost 20 years ago.) While there are special driver's licenses for people who drive vehicles for a living, no one calls our noncommercial driver's licenses "amateur drivers," do they? Maybe it's time to add a little class to the image of the highly-capable, but not compensated radio operators. ☺

Worldradio



NEW COORDINATION GROUP BEING FORMED

FM repeater coordination for the Eastern Pennsylvania and Southern New Jersey ARRL Sections has been the province of The Philadelphia Area Repeater Council (TPARC) but, because of long-standing problems with the operation of TPARC, a new coordination group is currently being formed.

The repeater community has long been concerned with TPARC's failures. The organization's responses to inquiries from repeater owners and operators have often been slow or nonexistent, and efforts to assist the existing organization had failed repeatedly. There are problems, too, in the fact that the group's organizational structure has provided no opportunity at all for the repeater community to have any voice in the way repeater frequency coordination has been managed. TPARC's operations have been in the hands of less than a half-dozen self-appointed individuals who have conducted their business behind a cloak of secrecy in an environment where they have been accountable to no one.

When efforts to change the system failed, a new frequency coordination group was announced in February following a meeting of over 70 repeater owners and operators on February 11 at Fort Washington. To be known as the "Area Frequency Coordination Council of EPA/SNJ" (or "ARCC"), the new group is currently in the process of formation.

Plans are underway now to reorganize coordination under ARCC as a membership-supported system which will be far more open, representative, participatory and accountable to the repeater provider community.

ARCC has set some tough goals for itself, not the least of which is that it will complete its organization process within ninety days. Five task forces are working to complete work during that time period, and these five task forces and their chairmen include:

Transition Operations: Gene Pressler, W3ZXV

This is operating as a clearinghouse for all the other task forces, and will be responsible for communicating their findings and recommendations to the entire membership.

Constitution and By-Laws: Steve White, WA3IAO

This group is developing a final draft of a constitution and bylaws, and will prepare papers for incorporation and nonprofit tax exemption status.

Financing and Dues: Vince Bardsley, KB3OM

Under KB3OM as interim treasurer, this group's function is to establish a solid financial base for the future operations of ARCC.

Coordination Policies and Procedures: Ron Raymond, K3LPR

This Task Force is looking into recommendations for coordination policies, and how these will be established and followed by the new organization.

Coordination Database: Jeff DePolo, WN3A

Working with the above Task Force, WN3A is working to develop and implement the coordination database.

In the weeks following the original Fort Washington meeting, a mailing list including nearly every known repeater owner/operator in the EPA/SNJ areas has been developed, and announcements of the new group's formation have been mailed to each of them. In addition, substantial start-up and operating funds have been voluntarily contributed to help finance the new organization. (As evidence of the support shown for the new organization, incidentally, ARCC has not yet even made a formal request for financial contributions).

Because ARCC is being designed as an open organization, we invite everyone interested in repeater operations to join in supporting these efforts. At the moment, we are particularly interested in learning of any repeater owner or operator who has not already received a mailing from us. If you have any information which would be helpful in this regard, or if you have any questions or suggestions, please contact Gene Pressler, W3ZXV, 1746 Norris-town Road, Maple Glen, PA 19002. Telephone: (215) 646-5892; or FAX at (215) 646-6798.

Delmont's PRG CHEW

MINUTES

MARCH GENERAL MEETING

Al Tribble, W3STW, Secretary



President WU3I—Steve, called to order the 542nd meeting *promptly* at 7:30 p.m. Those attending, not accustomed to such promptness, continued downing the goodies. Goodie downing began about 7:00 p.m., and we're gonna blame... aaah many thanks to N3KQH—Roxolana (the sandwiches were great), N3FVI—Bill, and WU3I for putting together a real nice refreshment table. (It is not an easy task folks.) However, with another round of gavel pounding, WU3I was able to prevail, and those attending soon settled down.

KB3IV—Ed, announced resumption of the treasurer's duties. If you are planning to renew your ARRL membership; have a question about membership; dues, KB3IV is the one to contact.

WU3I called our attention to a charter bus round-trip to the Hamvention in Dayton, Ohio, being arranged by KC2Q—Mike. The trip originates at exit 24 of the Pa., turnpike. The round trip costs \$275 and includes many goodies. Interested? See WU3I.

WU3I asked if anyone would be interested in hosting a Board of Directors (BoD) meeting. The months of May, June, July and October are open. Thanks to W3AA—Hal, who responded to this request, the BoD will meet at his home in September.

AA3EP—Charlie, Special Events Chairman, reported he is still looking for volunteers for the April 23rd MS Super Cities

Walk, and the May 20th Spring Classic. By the time you read this, AA3EP will need to hear from you right away. Please, if you can, call AA3EP and pledge your support.

N3OWM—Ted, Membership Committee Chairman, welcomed new members KB3BEK—Maxine, N3SHI—Walter, N3STR—Lawrence, N3TMC—Stanton, and N3TRO—Michael. The new members received a round of applause.

WU3I gave a report on the Volunteer Examiners. (Word has it that ND3Q, V.E. Chairman, was out practicing a new slam dunk shot.) The February test session had twenty candidates taking forty-seven elements. The passing rate was fifty percent, and seven candidates received their licenses.

Reporting on W3TKQ, WU3I cited the W3TKQ dedication statement that, in part, states the mission of W3TKQ operators is to inform the public. We are reminded that we are volunteers of The Franklin Institute Science Museum (TFI) assigned to W3TKQ. New operators are asked to attend the various TFI orientation sessions. Sessions are posted in the back room of the station.

The 220 MHz rig needs to be checked for low power output, and, knowing WU3I, the rig will be operating, as intended, by the time you read this.

The satellite computer will shortly be upgraded from a 286SX mother-board to a 386DX mother-board. Thanks to AA3BB—Bill for donating the new mother-board,

and WU3I for performing the computer upgrade.

WU3I also told us that W3TKQ has been mentioned in *Places to Visit*, a book written by Ruth Harvey, PhD. Golly gee whiz, W3TKQ has become a real media event, news papers, national magazine, radio, TV and now book recognition.

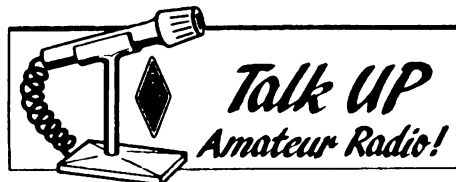
KB3IV stated that PMRC net operations, on Sunday mornings, are in good shape, however, the Tuesday night code training net really needs support. Help keep this worthwhile effort going. Please contact KB3IV [or W3RM].

WU3I reminds us that PMRC's Field Day and Paddlerama projects need your support.

N3PDO—Mike, (he's upgraded to General, congratulations Mike) hosted the welcoming committee activities, and reports guests attending the meeting were Ms. Mim Roeshman, Officer Glenn Forsyth, Newtown Twp. P.D., Messrs Ed Miller, Harold Wankel, WN3PDB—Charlye, WB0CPR—Carl, KB3AIB—Tom, and thirty eight members.

N3FVI—Bill introduced our program speaker Officer Glenn Forsyth who discussed the ongoing D.A.R.E. efforts to help youngsters find more out of life than drugs and alcohol. Officer Forsyth also gave out pens, pencils and stickers as D.A.R.E. project mementos.

The meeting adjourned 9:49 p.m. ☺



Continued from following page

should be a great incentive to volunteer), and there will be equal opportunity "span-dex watching" as another incentive to give AA3EP a call NOW!.

WU3I reports the BoD needs a place to meet for the months of May and October. Please contact WU3I if you can help.

The meeting adjourned 9:18 p.m. Many thanks to Joann and Steve for the food, and sharing their lovely home for this meeting. ☺

Smoke Test

This discovery might be more profound than the recent work done on dark suckers (light bulbs).

As I was working on a solid state device the other day, the realization of a basic truth came over me. It was so simple! So obvious! Why didn't I see it before? I discovered how ICs work, because every time you let the smoke out of an IC, it stops working. Of course! Smoke makes all things electrical work!

Remember the last time smoke escaped from your voltage regulator? Didn't it quit working? I sat and smiled like an idiot as more of the truth dawned. It's the wiring harness that carries the smoke from one device to another, and when the harness springs a leak, it lets the smoke out of everything at once, and then nothing works. A starter motor requires large quantities of smoke to operate properly, and that's why the wire going to it is so large.

If improvements in wiring are to be achieved, we are going to have to find a way to keep smoke from leaking, much the same as we do for air in tires. ☺

El Dorado County ARC via Worldradio

Umbrella Control

People of the world, rejoice! I have solved one of mankind's most perplexing problems. After years of meticulously collecting data while staring out of my window, and then performing scientific analysis on that data, I have proven that as the number of umbrellas increases, the likelihood that it is raining also increases. In fact, the number of umbrellas in use is directly related to the total amount of rain coming down. This proves conclusively that Mother Nature doesn't cause rain—umbrellas cause rain!!

As a result of my great discovery, mankind can now control the amount of rain in any locality by simply controlling the number of umbrellas in that locality. Naturally, we will now need federal laws to control umbrella ownership and umbrella size, shape and color. We will need stiff jail terms for violators of umbrella laws. In fact, we will probably have to prohibit citizen

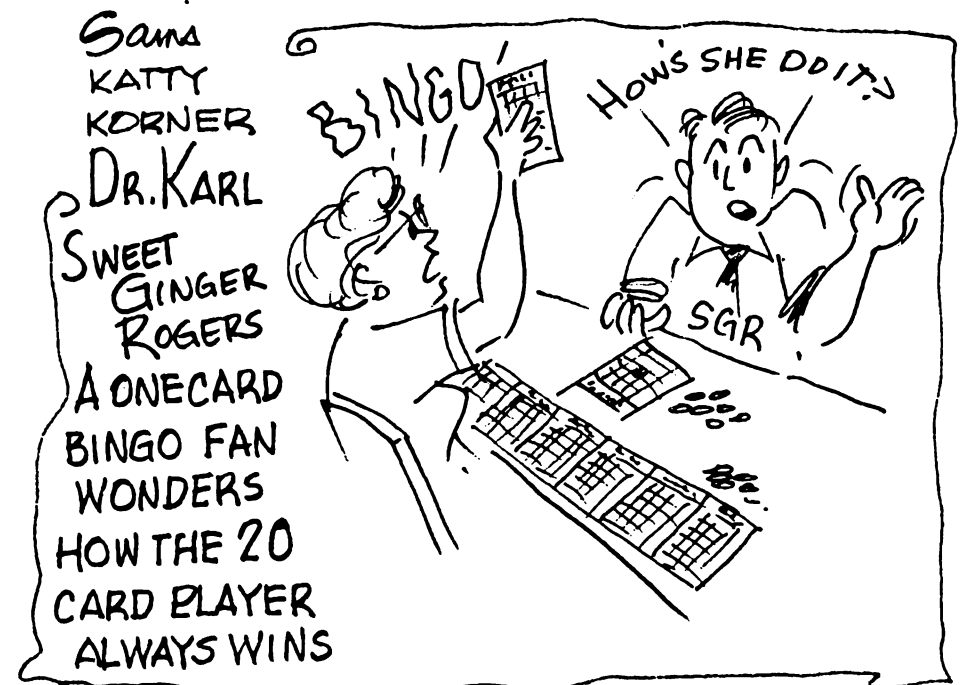
ownership of umbrellas, and only allow the government to own them. Otherwise, we could have serious droughts or, worse yet, horrible floods.

Obviously, the only reason Somalia has a drought problem is because they don't own enough umbrellas.

I cannot take total credit for this great discovery, however. Like most great scientists, I stood on the shoulders of another great scientist—Sarah Brady. While I have discovered that Mother Nature does not cause rain, umbrellas do, Sarah Brady has discovered that Human Nature does not cause crime, guns do. I hope I become as wealthy from my discovery as she has from hers.

Accordingly, I have formed a new organization called "Umbrella Control Inc." Now, let's all get to work and pass lots of laws controlling umbrellas! ☺

The Pine Island Eagle



GOODIES

For the benefit of W3TKQ

Complete Heathkit digital 10-80m station consisting of:

SB104A	Digital transceiver
SB614	Station monitor
SB644A	Remote VFO
SB634	Station console
SB604	Power supply

Station to be sold complete only

Conar Instruments

Model 255	Solid state oscilloscope
Model 311	R.C. tester
Model 280	Signal generator
Model 230	Signal tracer

Make offer:

Ed, KB3IV (215) 572-5238
Steve, WU3I (215) 535-8061

Radio Shack HTX-202 2-meter handheld, less than one year old. Like-new condition. NiCad pack; subaudible tone (CTCSS) encode and decode, 16 memories, AC charger pack for alkaline batteries; manual.

Original price \$260. Will include \$20 speaker mike. Complete package: \$169.

Perry, N3AXJ (215) 725-4068

U.S. Tower Corp. 40 ft. tubular tower. Free-standing, crank-up/tilt-over; electric winch & hand crank. Requires 2'x2'x4' concrete base. With Wilson tri-band beam. Buyer dismantles.

Call W3ILQ, Harrisburg, (717) 564-5773

CLUB INFORMATION

24 Hour Information Number at W3TKQ
(215) 448-1139

Volunteers Needed

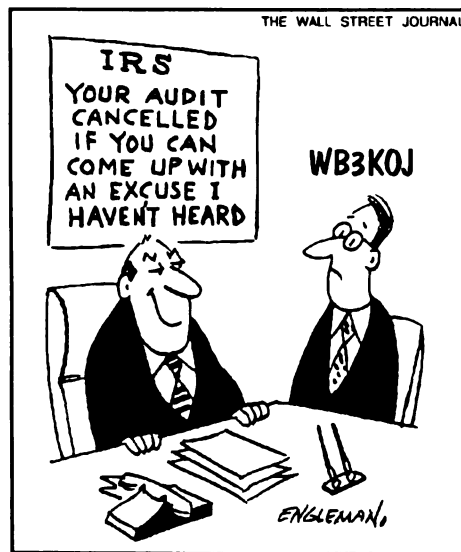
The M.S. Super Cities Walk needs amateur radio operators to help-out with this event. The 'Walk' takes place on Sunday, April 23, rain or shine, from about 8 a.m. to 2 p.m.

If you are able to give us a little of your time, you are welcome to join us in the fun.

You'll be 'fed and watered', and we know that you will enjoy the time that you spend with us. We'll have seven different locations around the area, and we will try to accommodate you. The locations are: center-city, Ridley Park, Tyler State Park, Valley Forge, Voorhees, Moorestown, and Lynnwood, NJ.

'Hope to see you and talk to you. Call me on the repeater, or at home (215) 324-0167 after 7 p.m. ☺

—Special Events Chair, Charlie Weigand, AA3EP



MINUTES

MARCH DIRECTORS' MEETING

Al Tribble, W3STW, Secretary

President WU3I—Steve, called the meeting to order at 8:06 p.m. Present were: AA3EP—Charlie, N3DHI—Rick, N3FVI—Bill, WU3I—Steve, W3IIM—Jack, W3IIN—Jinny, KB3IV—Ed, KA4LIF—Tom, N3OWM—Ted, W3RM—Dick and W3STW—Al. The agenda consisted of committee, old and new business reports.

N3DHI—Rick, W3QV Control Operator, informs us that the 2-meter sub-audible tone [output] is operating intermittently, and you may experience problems when bringing up the repeater. N3DHI says this is a "minor flaw."

KB3IV—ED, Treasurer, stated the following: from 1 Jan., '95 to 3 Mar., '95 our income was \$3,870 and our expenses \$1,102.63 our balance \$2,767.37. W3TKQ donations equalled \$690.

KB3IV, reporting on the Jacket project, said that 39 jackets have been ordered.

KB3IV, Net Control Chairman, needs help with the Sunday morning 2-meter net. N3OWM—Ted immediately volunteered to help. Please contact KB3IV if you can also help as a net control operator.

W3TKQ: Second Vice President N3FVI—Bill reports the Rupp meter is still out for repair.

The W3TKQ operating rule that only one HF transceiver will be turned on, (if a visitor is using the Kenwood 450 then all other HF transceivers will be turned off) was reviewed. Since the primary function of the volunteer assigned to W3TKQ is to inform and stimulate the public and not operate, and the expense of equipment repair, the BoD believes the rule of one HF

transceiver in operation at a time is in the best interest of all concerned. Isolation techniques were also discussed.

KB3IV is looking for ideas that will involve W3TKQ in the community. W3TKQ's last community type involvement was in the 1993 Satellite Amateur Radio Experiment (SAREX). N3OWM suggested a transcontinental radio contact between a group of youngsters here and over there. Arranging something with The Institute's weekend sleep-over activities was another idea. W3STW—Al will be contacting the Boy Scouts of America looking for scouts interested in radio that W3TKQ could serve.

WU3I reports that N3IEI—Chris, the 1995 PMRC Field Day Chairman, is looking forward again to having FD at the TV channel 3 transmitter site June 24th and 25th. Also, at the same time, Paddlerama for 1995 will be taking place. Although camp reservations are being made, WU3I says the canoe route will be the same as the 1994 route, and that he and N3FTC—Joann will be handling the face-feeding activities. Stay tuned to the *Blurb* on this one.

N3OWM—Ted, Membership Chairman, reported receipt of two membership applications. W3RM motioned to accept, KB3IV second, and the BoD voted to approve the application for membership of AA3JZ—Jamie.

AA3EP—Charlie, Special Events Chairman, states he is still looking for MS and Spring Classic support, that participants will be fed (the way those at the March General Meeting downed the goodies, this

Continued on preceding page

OLD MINUTES

FEBRUARY DIRECTORS' MEETING

Al Tribble, W3STW, Secretary

It was rainy with promises of sleet and icy road conditions on the way. Why in the world am I out here going to a meeting? Bingo! I'm out here because the spirit of PMRC looms large in the Delaware Valley, and nine other amateurs, charged with the duty of tending to PMRC business, are serious about that. Rain, with a promise of icy roads, is not reason enough to keep them away. The Board and members thank W3IIM-Jack for his attention to detail that led to us having a place to park our cars, and a warm well-lighted meeting room.

Attending were N3FVI-Bill (presiding in the absence of President WU3I-Steve) KB3IV-Ed, W3BBB-Jim, K3KUD-Bob, AA3EP-Charlie, K3GNM-Al, W3GQD-Bill, W3RM-Dick W3PXY-George and W3STW-Al.

The meeting agenda consisted of reports from PMRC officers and various committee chairmen.

Treasurer: PMRC financial questions should be directed toward KB3IV, As Assistant Treasurer, starting now, he will take on regular treasurer duties.

Jacket Project: KB3IV read an article on jacket purchasing. Hopefully by the time you are reading this your jacket order will already have been processed. You haven't? Well hop to it! Jacket orders are placed with the manufacturer in lots of 12, and you just might be in time to make the first lot.

Repeater: W3BBB commented on a frequency coordinating meeting he'd recently attended. The crux of the meeting

was to form a new frequency coordinating group that will be more responsive to existing concerns and problems. Stay tuned to the *Blurb* for further information. Jim reports that the Lansdale link should be distortion free, check it out.

Nets: KB3IV said that the CW net really needs support, but those attending could not come up with a solution that would urge more amateurs to participate.

Special Events: AA3EP continues his request for volunteers to support the public service events shown in the *Blurb*.

Old Business: W3RM-Dick, read a W5YI report that the licensing processes has been greatly improved. Time taken to process licenses is greatly reduced using electronic filing methods. Last March '94 you probably had approximately 12 weeks wait, now its down to about 4 or 5 days.

N3IEI-Chris, and his crew, ran a very successful 1994 Field Day. Word has it that Field Day 1995 is a reality. W3PXY-George, and WU3I-Steve, are ready to start-up Paddlerama. Stay tuned to the *Blurb* for details. (Readers the year is 1995 not 1895.)

W3TKQ: KB3IV mentioned the fine effort given to the W3TKQ Bulletin Board by N3FOA-Sam, for his attention to details that keep the BB memory available.

In fact, thanks to all who are out there trying to keep the PMRC a great organization.

N3FVI called the meeting to order at 8:05 p.m., and adjourned at 9:33 p.m. ☺

Radio signals to broadcast data to PCs

Computer dealers seeking an emerging local wireless solution need look no further than tuning into their favorite radio station.

An emerging technology called Radio Broadcast Data System (RBDS) is a new subcarrier FM frequency that enables a radio station to broadcast data to PCs.

The technology uses an add-on PC board to receive the data signals and convert them to text on the screen.

One company, Advanced Digital Systems, based in Cerritos, Calif., is expected to ship this month a radio add-on board called Radio Rock-IT RDS. The board receives the FM stereo signals and displays the information on-screen. The list price for the card will be less than \$250.

Advanced Digital believes a number of business applications may bring opportunities for dealers. For instance, RBDS can be employed to perform radio-paging applications.

The company expects to release a software-development kit for programmers, that would allow them to create applications for their customers. The kit will be priced at less than \$100.

Other applications can help a customer become more productive by broadcasting news, traffic and weather updates, which then are stored on the computer's hard disk.

In addition, the company now is working with its component supplier to miniaturize the technology into a PCMCIA format for mobile computers, and extend support to the AM frequency as well.

Despite the potential use for RBDS, the technology is still limited. It does not replace existing wide-area wireless networks, such as Mobitex or Ardis, or forthcoming cellular-digital-packet-data implementations.

In addition, the data broadcasting rate is slow. It is equivalent only to about 1,200 baud, and is designed for use only on a local basis. Nevertheless, RBDS has an advantage in that its infrastructure already is established.

This is the first step, however. There are higher speeds, which will come out in about a year, which will support about 12 Kbits per second to 15 Kbps. ☺

Computer Reseller News

FCC Proposal would simplify compliance for computers

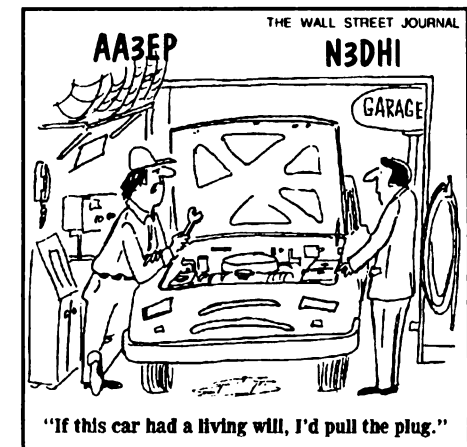
The FCC has proposed to permit manufacturers and suppliers of computers and computer peripherals to market their equipment without having to apply for equipment certification and await FCC approval, in ET Docket 95-19.

These devices now must be FCC-certified to ensure that they do not cause interference to radio services, including amateurs. Certification requires that all measurement data and a detailed description of the product be submitted to the Commission's laboratory for review and approval.

The certification process can take 35 days or more, the FCC said, and eliminating the wait could save the computer industry some \$250 million a year, the industry has said. The FCC called the current regulations "particularly burdensome for small manufacturers," and said its proposed new authorization procedure would "align" FCC requirements for personal computers with those "used successfully in other parts of the world."

Under the proposed new procedure, FCC authorization would be replaced by a process based on a manufacturer's or supplier's Declaration of Conformity (DoC). The Commission also has proposed the option of permitting personal computer compliance to be based on tests and DoCs of individual components, without further testing of completed assemblies. ☺

The ARRL Letter



NEW OPERATOR'S LICENSE ANNOUNCED!

April 1—The ARRL and FCC have announced that a new Amateur License will be available this summer. The new "Operators Class" license will replace the existing Extra, Advanced, General, Technician, and Novice class licenses. No code will be required or necessary under the new license, and further, since knowledge of electronics has been found to be old fashioned and antiquated, no written exam will be given. This is in complete agreement with the League, whose Board of Directors, at last month's meeting, rendered an agreement stating that the present written exam, consisting of ten true or false questions, was much too difficult for the average Ham-to-be!

FCC has also announced that this new license will help to increase the Amateur ranks from its present all time low of 5.5 million, and to promote more intelligent

Technicians and Engineers from the Amateur Radio community.

The new Operator's License will be packaged with each "new" amateur transceiver, and will contain a number/letter group that will be suitable for a call-sign. Those amateurs, already licensed, will be "grandfathered" in, and required to use the letter group K or W, followed by their Zip code, to represent their call-signs.

It is hoped that this new move by the Commission and ARRL will increase the number of amateurs to overflowing, and allow each American citizen a "fair" chance to become a Ham.

Further information will be in the annual issue of QST/2001.

P.S.—Sources at Headquarters have learned that the Commission is planning a medical exemption for all those unable to fill out their new form! ☐

Jerry/W3BRZ via DLARC's W3OK Corral



119TH MONTHLY VE SESSION STATISTICS MARCH

22 candidates took 44 elements
6 new amateurs plus 5 upgrades

VE team members:

Dusty Rhoads, ND3Q, Chairman

James McCloskey, KE3OP; Joel Kleinguenther, KA3SWU;
Harold Goldman, W3UWH; Joe Pearlstein, NU3Y

AMATEUR LICENSE EXAMS HELD ON THE FIRST
NON-HOLIDAY THURSDAY OF EVERY MONTH

Registration begins at 6:00 PM

Doors close at 6:30 PM sharp

THE FRANKLIN INSTITUTE
SCIENCE MUSEUM

For Information Call ND3Q at
(215) 482-0386 or 879-0505

Accessible by the handicapped.



NEW MEMBER APPLICATIONS

CALL: KB3RGQ ✓
NAME: Ed Martino 4/19
HANDLE:
CLASS: Technician Plus
ADDRESS: 11 Evergreen Trail
Medford, NJ
08055
HOME PHONE: (609) 654-1482
BUSINESS PHONE: (609) 654-8838
OCCUPATION: Contractor
INTERESTS: W3TKQ

CALL: 4/19 WA2SZT ✓
NAME: Richard Munyan
HANDLE:
CLASS: Extra
ADDRESS: 336 Lycoming Avenue
Wenonah, NJ
HOME PHONE: (609) 464-2004
BUSINESS PHONE:
OCCUPATION: Retired
INTERESTS: W3TKQ



Done
8/25/95

THE W 3 T K Q REPORT

THE MISSION OF W3TKQ

To develop a program of instruction and demonstration of amateur Radio, in as many facets as is possible, to show the vast wealth of information and electronic technology that amateur radio has to offer both the general public, and to the children—our leaders and scientists of tomorrow.

This general statement establishes the foundation of our mission. Our daily efforts, through demonstrations and hands-on exhibits, providing a look at science in the making through the NASA Astronauts projects, and through our attempts at improving each mode of communication, will build on that foundation.

We will strive to preserve the rich heritage and tradition of the Amateur Radio Service. Coupled with The Franklin Institute's role of maintaining historic collections, we have developed one of the finer exhibits of antique radios in the United States. We will continually add to that collection as opportunities present themselves.

We will strive to encourage through education the Amateur Radio Service, as well as attempt to stimulate the public's awareness of our public service capabilities in the event of disaster.

We will provide instruction, in the science of radio, to our children and young adults, through The Franklin Institute's Children and Adult Workshop Program.

We will strive to maintain our station in a "State-of-the-Art" condition always aware of new and advanced technology, and adding exciting experiments and equipment on a continuing basis. To remain status quo is to regress. We must never allow that to happen.

Jake Kovalchek, AK2I

Reprinted from the dedication program October 23, 1991

Continued on next page

Important Differences Between Amateur Radio and CB

(Prepared by the ARRL, 255 Main Street, Newington, CT, (203) 666-1541)

Uses Permitted

Amateur Radio: Non commercial public service-oriented communications service. Hobby and experimental communications. Home computing by radio. Emergency and routine public service.

CB: Business and casual conversations. Public aid channel for emergencies.

Frequency Range

Amateur Radio: Amateur bands are spread across the radio spectrum.

CB: One band of 40 channels.

Power Permitted

Amateur Radio: Fifteen hundred watts, if needed.

CB: Less than five watts.

License Requirement

Amateur Radio: Tests for technical skill and operating rules. Exam difficulty increases by license level.

CB: No exams. Permit carries no earned privileges.

How to Tell Who Is Who

Amateur Radio: Government-issued call signs indicating country/zone as well as personal I.D. Most states offer special license plates.

CB: No formal system of identification. No personal licensing of users.

Signals Allowed

Amateur Radio: FM & AM Radio, Computer & Teletype, Television, Satellite,

Telegraphy, Single Sideband, Repeater, Relay.

CB: AM & Single Sideband Radio, Wireless control of hobby gear.

Customized Equipment

Amateur Radio: Can modify, overhaul, repair and improve store-bought gear. Can construct and experiment with own equipment.

CB: The CB permit does not allow any adjustment, modification or repair by user.

Main Attraction

Amateur Radio: Ability to experiment by radio, home computer and television. Worldwide communications; enhancement of international good will. Public service.

CB: Avoiding speed traps. Motorist pastime. Neighborhood contact. Enjoyment limited by profanity, low power, and interference.

Journals, Clubs, and Groups

Amateur Radio: American Radio Relay League, national nonprofit membership association. National publications. Two thousand affiliated clubs across the country.

CB: No national magazine or journal. Emergency group REACT sometimes found in metro areas. Few clubs. ☹

Warminster's FEEDBACK

Call

1-800-32-NEW-HAM

for free information for
prospective hams

When all else fails!

Armond Noble, N6WR

An article in a magazine said that the Internet would replace Amateur Radio in emergency communication. That is an interesting premise until one asks what connects the Internet, and remembers that is the same old telephone wires that go down in serious emergencies. What powers the computers? The same old electric lines that come down during emergencies. Some have said that cellular phones would lower the need for amateurs. Yes, there are more people now who can report cars out of gas on the freeway. But when a situation needs real communications procedures the amateur will perform in a more professional manner.

What if the cellular relay stations lose power? The best communications usage for the cellular phone then would be to wrap a message around it and throw it as far as you can. Should the relay station go to battery power, that will mean that there will be massive congestion on the system as family members try to reach one another. The computer services can also become overloaded and refuse access to callers.

Amateurs, with battery-powered VHF rigs with directional antennas, could still communicate considerable distances. A modest HF station powered by an automobile battery can be heard worldwide. Communication through the Amateur Radio satellites is accomplished at low power. When all else fails, it will still be the amateurs who get the message through. ☺

WORLD RADIO

SCHOLARSHIPS FOR STUDENT HAMS

The Foundation for Amateur Radio, Inc., a nonprofit organization composed of 50 local radio clubs, plans to administer 56 scholarships for the academic year 1995-96.

Licensed Amateurs may compete for these awards if they plan to pursue a full-time course of studies beyond high school, and are enrolled or accepted at an accredited college, university, or technical school. Awards range from \$500 to \$2,000.

Many of the scholarships are sponsored by radio clubs and individuals in the Atlantic Division.

Additional information and an application form may be requested by letter or QSL card, postmarked prior to April 30, 1995, to FAR Scholarships, 6903 Rhode Island Avenue, College Park, MD 20740. ☺

HAMVENTION PACKAGE

Again this year KC2Q is arranging bus transportation departing on April 27 from the Sheraton Convention Center, in Valley Forge.

The round-trip price of \$275 (or less, depending on number of bookings) will include: motel accommodations (double occupancy) for 4 nights, Hamvention tickets for all 3 days, and tickets for the traditional Saturday night banquet.

Special pricing for spouses and families.

Contact Mike DiPersio (908) 774-1095 immediately. ☺

Sometimes we need a reminder as to why we are **VOLUNTEERS**.

All volunteers must attend one orientation session given by the Volunteer Office. This is not an annual training, but must taken only once. There is a new customer service program entitled "CST5 Dealing with Difficult Customers." There are schedules for both seminars on the bulletin board in the station.

Welcome to new volunteers 4X4LT, N3OOM and W3IUH. Training sessions with AI-W3STW have been arranged, and if anyone needs a refresher on any of the equipment, contact Steve-WU3I or AI-W3STW.

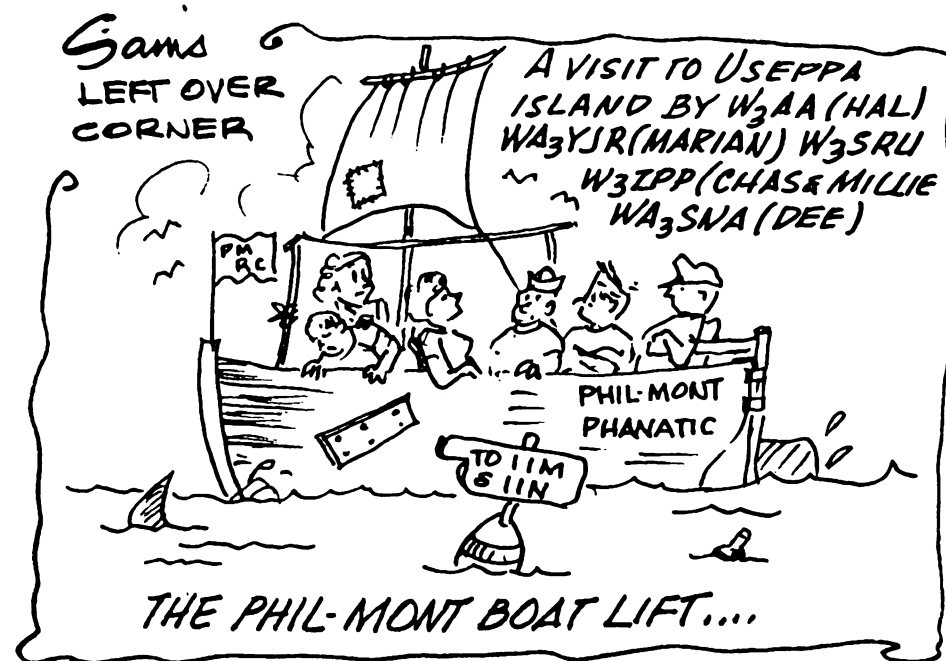
The 386 motherboard should be

installed in the Satellite Computer by press time. This will speed up activity at this position. The 220 rig was out of service for awhile, but the antenna was adjusted, and the problem corrected. The RUPP wattmeter is still out to the factory.

We will be installing as soon as possible a 70 watt 2M rig in position-7 to compliment the Wyman ATV transceiver. If anyone has any suggestions for improvement or additions to W3TKQ, contact KB3IV, N3FVI or WU3I, your W3TKQ committee.

In closing, if you haven't checked out the new "Information Number" at W3TKQ, give it a try; it's available 24-hours a day at (215) 448-1139. ☺

—Steve Hoch, WU3I



1995

APRIL

1995

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
2  2M NCS N3KGG 10M NCS W3HFX 75M NCS W3PWG <i>Trenton Hamfest Daylight Savings Begins</i>	3	4 CODE PRACTICE NET at 8 PM	5 GENERAL MEETING at The Franklin Institute Refreshments at 7:00 p.m. Meeting starts at 7:30.	6 LICENSE EXAMS at The Franklin Institute Registration begins at 6:00 Doors close at 6:30 p.m. <i>sharp!</i>	7	8  <i>April Fool's Day 1</i>
9 2M NCS W3STW 10M NCS W3HFX 75M NCS AA3CH <i>Palm Sunday</i>	10	11 CODE PRACTICE NET at 8 PM	12	13 <i>Thomas Jefferson 1743</i>	14 <i>Good Friday</i>	15  <i>Passover</i>
16 2M NCS KB3IV 10M NCS W3HFX 75M NCS W3STW <i>Easter</i>	17	18 CODE PRACTICE NET at 8 PM	19 DIRECTORS' MEETING at KA4LIF's	20	21	22
23 2M NCS N3FTY 10M NCS W3HFX 75M NCS KB3IV <i>M.S. Super Cities Walk New Castle Hamfest</i>	24	25 CODE PRACTICE NET at 8 PM	26 W3TKQ OPERATORS' NET 8 PM	27 <i>U.S. Grant 1822</i>	28	29 
30 2M NCS W3BBB 10M NCS W3HFX 75M NCS W3BBB			Plan ahead; it wasn't raining when Noah built the ark.			